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1. (Amended) An apparatus for generating oscillatory air pulses in a bladder positioned about a person, comprising:

an oscillatory air flow generator, comprising

an air chamber;

a reciprocating diaphragm operably connected with the air chamber;

a rod having a first end and a second end, the first end operably connected with the diaphragm, and the rod extending generally orthogonal to the diaphragm;

a crankshaft operably connected with the second end of the rod and extending generally orthogonal to the rod; and

a first motor operably connected with the crankshaft, the first motor including an armature axially aligned with the crankshaft;

a positive air flow generator operably connected with the oscillatory air flow generator; and

control means operably connected with the oscillatory air flow generator and operably connected with the positive air flow generator for controlling the peak pressure generated by the positive air flow generator.

2. (Amended) The apparatus of claim 1 further comprising means for connecting the oscillatory air flow generator with [the] a bladder.

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4. (Amended) The apparatus of claim 3, wherein the control means comprises a first feedback circuit for causing the oscillatory air flow generator to generate air pulses at a predetermined frequency.

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6. (Amended) The apparatus of claim 4 [wherein the predetermined oscillation rate is user-selectable] further comprising a frequency selector, allowing a user to select the predetermined frequency.

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8. (Amended) The apparatus of claim 8 [wherein the peak pressure is user-selectable] further comprising a pressure selector, allowing a user to select the predetermined peak pressure.